503291280 05/04/2015

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| IKUO TSUKAGOSHI | 04/14/2015 |

RECEIVING PARTY DATA

| Name: | SONY CORPORATION |
|-----------------|------------------------|
| Street Address: | 1-7-1 Konan, Minato-ku |
| City: | Tokyo |
| State/Country: | Japan |
| Postal Code: | 108-0075 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14440461 |

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| ATTORNEY DOCKET NUMBER: | 452364US8SH PCT |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | ERIKO TSUJI |
| SIGNATURE: | /Eriko Tsuji/ |
| DATE SIGNED: | 05/04/2015 |

Total Attachments: 1

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PATENT 503291280 REEL: 035571 FRAME: 0128

Attorney Docket No.: Sony Rel. No.: SP351903US00

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Title of Invention | TRANSMISSION DEVICE, TRANSMITTING METHOD, RECEPTION DEVICE, AND RECEIVING METHOD | |
|--|--|--|
| As the below | named inventor, I hereby declare that: | |
| This declaration is directed to: | The attached englishmen of | |
| | United States application or PCT international application number PCT/JP2013/082579 filed on2013/12/04 | |
| The above-id | entified application was made or authorized to be made by me. | |
| WHEREAS. | | |
| acquiring all | NAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is destrous of interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar on which may be granted therefor in the United States and in any and all foreign countries; | |
| NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property. Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto; | | |
| designee, as temuneration | r agree to execute all necessary or destrable and lawful future documents, including assignments in favor of ASSIGNEE or its ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further it, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of lates and countries foreign thereto; | |
| combigation f | er agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for our foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense; | |
| application, | er agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will be same in any interference or litigation related thereto: | |
| And I hereby | covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with ent and sale | |
| | nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or impresonment of n five (5) years, or both. | |
| LEGAL NA | ME OF INVENTOR April 14 2015 | |
| Inventor: | IKUO TSUKAGOSHI Date: | |
| Signature: | Albert | |

PATENT REEL: 035571 FRAME: 0129

RECORDED: 05/04/2015